

ABSTRACT OF THE DISCLOSURE

In a message processing system, a plurality of vehicles or other locations are equipped with message processing devices and transmit and receive a message. The message has a header and a body. The header includes a valid duration and/or a valid zone specified by various methods, and an optional flag set when the message reaches the valid zone. The body includes data to be transmitted and read out for predetermined processing. When receiving the message, the message processing device may transfer the message if the message is within the valid duration and the device is within the valid zone, or if the message is within the duration and the device is not within the valid zone but the flag is not set. When transmitting a message, the message processing device sets the valid duration and/or zone and may include the flag for the message header, and generates the data to be transmitted for the message body.